



**CONSTRUCTION NOTES:**

- ① MYERS POWER PRODUCTS CAT. No. MEUG22X-ENC-RIV S.S. ENCLOSURE TO SUPPORT ALL MATERIALS REQUIRED BY ALL CITY AGENCIES OR EQUAL. ENCLOSURE SHALL BE MOUNTED ON A MYERS PADMOUNT BASE (PART NUMBER 519100) ENCASED CONCRETE.
- ② CALSENSE CONTROLLER AS SPECIFIED ON THE LEGEND AND OR SPECIFICATIONS, WEATHER PROOF AUTOMATIC CONTROLLER, WALL MOUNT TYPE, SECURELY MOUNTED TO THE ENCLOSURE.
- ③ SQUARE-D 15 AMP SINGLE BREAKER BOX. MAKE 120v. POWER AND GROUND CONNECTION AT BREAKER BOX THEN TO TP-110 SURGE PROTECTION DEVICE.
- ④ 3-#8 CU THW WIRES IN MIN. 2" SCH 40 PVC CONDUIT FROM CONTROLLER TO POWER SOURCE. BOND SERVICE TO BREAKER BOX.
- ⑤ #8 CU COPPER GROUND WIRE AND MIN. (1) 5/8" BY 8' LONG DRIVEN COPPER GROUNDING ROD WITHIN ENCLOSURE. DRIVE ROD PRIOR TO INSTALLATION OF ENCLOSURE.
- ⑥ CONCRETE PAD, EXTEND EDGE MIN. 8" FROM ENCLOSURE TO ALLOW UNOBSTRUCTED AREA FOR DOOR TO SWING FREE. MIN. 6" THICK. NO PLANTING WITHIN 15" FROM THE FOOTING ON ALL SIDES.
- ⑦ LOW VOLTAGE ELECTRICAL SWEEP TO EXTEND MIN. 12" FROM EDGE OF FOOTING. THREE FOOT EXPANSION LOOP ON ALL CONTROLLER WIRES, RAIN BUCKETS, ET-GAUGE, AND FLOW-SENSORS NEATLY LACED WITH ZIP-LOCKS. MAKE CONNECTION TO TP-1 BOARD
- ⑧ THE ET-GAUGE, RAIN BUCKET, AND FLOW SENSOR CONTROL WIRES SHALL BE INSTALLED IN SCH 40 GRAY PVC CONDUIT, AS A CONTINUOUS RUN.
- ⑨ PROVIDE INSULATING ELECTRICAL BUSHINGS AT CONTROLLER END OF CONDUITS.
- ⑩ LR-DOME-RR ANTENNA
- ⑪ TP-1 BOARD. THE DISTANCE BETWEEN THE CONTROLLER AND THE TP-1 BOARD SHALL NOT EXCEED 12".
- ⑫ TP-110 LINE SURGE PROTECTOR

**(INSTALLATION SHALL BE CERTIFIED BY THE CONTROLLER MANUFACTURER IN WRITING)**

Approved	Date
P.V.	5/27/08
Revised	Date
P.V.	12/18/08

<b>Public Works Department, Forestry and Landscape Division</b>
<b>CITY OF RIVERSIDE</b>
<b>IRRIGATION CONTROLLER (NON-METERED) DETAIL (CS)</b>

Detail No.
<b>2018</b>